

CONTENTS

Farewell, Acknowledgements, Announcemet	94
F. AKYAZI, M.A. ANSARI, B.I. AHMED, W.T. CROW and T. MEKETE First record of entomopathogenic nematodes (Steinernematidae and Heterorhabditidae) from Nigerian soil and their morphometrical and ribosomal DNA sequence analysis	95
M.S. RAO, D.S. SOWMYA, M.K. CHAYA, R. MANOJ KUMAR, K. RATHNAMMA, J. GAVASKAR, K. PRITI and N. RAMACHANDRAN Management of nematode induced wilt disease complex in <i>Capsicum</i> using <i>Pseudomonas fluorescens</i> and <i>Paecilomyces lilacinus</i>	101
F. AKYAZI, H. HAN, R. CETINTAS and A.F. FELEK First report of root-knot nematodes, <i>Meloidogyne arenaria</i> and <i>M. hapla</i> (Nemata: Meloidogynidae) from pepino in Turkey	107
D.L. COYNE, F. KAGODA and E. MBIRU Rapid screening technique for assessing resistance to <i>Meloidogyne</i> spp. in cassava	111
M. FAYE, L. BARSÌ and W. DECRAEMER Description of <i>Xiphinema mounporti</i> sp. n., with new data on two other species from Senegal (Nematoda: Longidoridae)	119
H. CHAREGANI, S. MAJZOUB, A. KAREGAR-BIDE and H. HAMZEHZARGHANI Effect of various initial population densities of two species of <i>Meloidogyne</i> on growth of tomato and cucumber in greenhouse	129
M. NIKDEL, G. NIKNAM and G. ELIASY Morphological and molecular characterization of a new isolate of <i>Heterorhabditis bacteriophora</i> Poinar, 1976 from East Azarbaijan, Iran	135
M.R. KHAN, M.M. KHAN, M.A. ANWER and Z. HAQUE Laboratory and field performance of some soil bacteria used as seed treatments on <i>Meloidogyne</i> <i>incognita</i> in chickpea	143
R. CROZZOLI, Y. AGUIRRE y L. ÁNGEL Patogenicidad del nematodo agallador, <i>Meloidogyne enterolobii</i> , en lulo (<i>Solanum quitoense</i> Lam.) en macetas <i>Pathogenicity of the root-knot nematode, Meloidogyne enterolobii, on naranjilla</i> (<i>Solanum quitoense</i> Lam.) in pots	153
N.K. LEELA, RASHID PERVEZ, K.V. RAMANA, O.B. ROSANA and S.J. EAPEN Nematicidal activity of <i>Strychnos nuxvomica</i> leaf and its constituents against the root-knot nematode, <i>Meloidogyne incognita</i>	157
C. BHATTACHARYA, M.K. DASGUPTA and B. MUKHERJEE Biodiversity of plant parasitic nematodes of cashew plantations in Tripura, India	163
M.Z. EL-SHENNAWY, E.Z. KHALIFA, M.M. AMMAR, E.M. MOUSA and S.L. HAFEZ Biological control of the disease complex on potato caused by root-knot nematode and <i>Fusarium</i> wilt fungus	169
D. GRADINAROV, E. PETROVA, Y. MUTAFCHIEV and O. KARADJOVA Distribution of entomopathogenic nematodes of the genus <i>Heterorhabditis</i> (Rhabditida: Heterorhabditidae) in Bulgaria	173

Volume 40 No. 2 December 2012

NEMATOLOGIA MEDITERRANEA

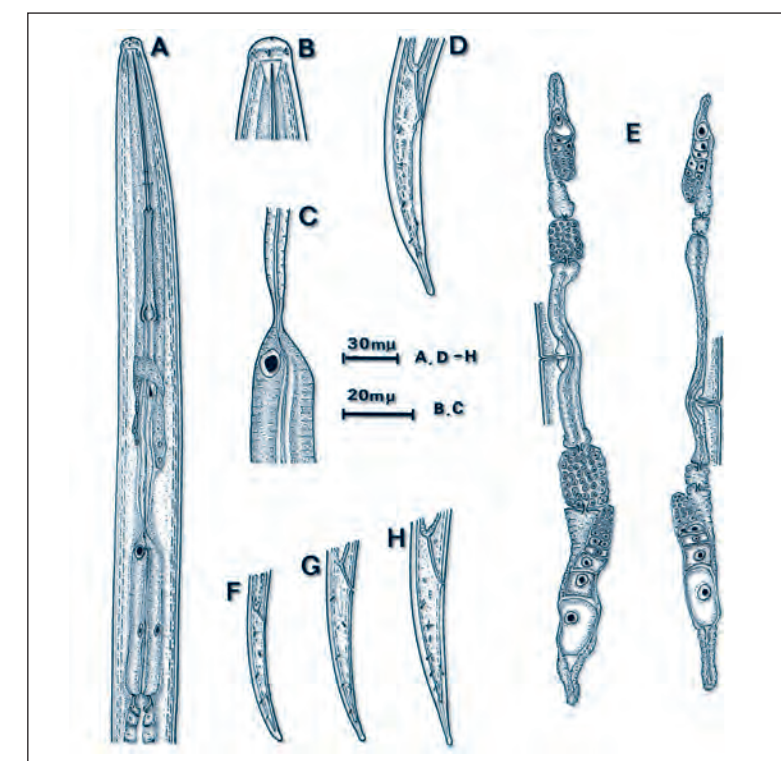
Poste Italiane S.p.A. - Spedizione in Abbonamento Postale - D.L. 353/2003 (conv. in L. 27/02/2004 n° 46) art. 1, comma 1 - DCB AREA CENTRO 1/Pisa

NEMATOLOGIA MEDITERRANEA

Volume 40

No. 2

December 2012



EDIZIONI ETS

ISSN 0391-9749

Editors:

N. Greco
C.N.R., Istituto per la Protezione delle Piante
Sezione di Bari
Via G. Amendola, 165/A
70126 Bari (Italy)
email: n.greco@ba.ipp.cnr.it

K. Evans
Nematode Interactions Unit
Plant Pathogen Interactions Division
Rothamsted Research
Harpenden, Herts AL5 2JQ
U.K.

Editorial Board:

G. Abawi, *U.S.A.*
C. Abivardi, *Switzerland*
I.S. de O. Abrantes, *Spain*
M. Arias, *Spain*
J.G. Baldwin, *U.S.A.*
B. Boag, *U.K.*
D.J.F. Brown, *U.K.*
R. Crozzoli, *Venezuela*
M. Daub, *Germany*
C. De Giorgi, *Italy*
L.W. Duncan, *U.S.A.*
E. Geraert, *Belgium*
S.L. Hafez, *U.S.A.*

J.M. Halbrecht, *U.S.A.*
J. Hallman, *Germany*
R.N. Inserra, *U.S.A.*
M.S. Jairajpuri, *India*
G. Karssen, *Holland*
J.C. Magunacelaya, *Chile*
S. Molinari, *Italy*
A.P. Nyczepir, *U.S.A.*
R. Rivoal, *France*
S.B. Sharma, *Australia*
Y. Spiegel, *Israel*
P. Stock, *U.S.A.*
M.T. Vinciguerra, *Italy*

Editorial Office Staff:

F. Elia, email: f.elia@ba.ipp.cnr.it
A. Troccoli, email: a.troccoli@ba.ipp.cnr.it

Graphic Assistant:

V. Radicci

Cover plate

Volume 40 (2012) - December 2012

Drawing of *Xiphinema mounporti* sp. n. For more information see article by Faye *et al.* on page 119.

Nematologia Mediterranea is covered in Thomson Scientific's products and services and contents will be indexed by Biological Abstracts, BIOSIS and Zoological Record.

Contents of this articles will also be abstracted in C.A.B. Nematological Abstract and indexed on our web site <http://www.inaav.ba.cnr.it/nemmed.html>, on which journal information is also available.

Pricing Information

Currency to be paid: € (Euro), US\$ - Payment is not required with the order.

Price to Individuals, Agency, Institution, Library, Society, etc. (Domestic and Foreign/Overseas): € 100.00.

Backcopy price: Vols 1-30, € 77.47, recent Vols, € 100; 10-15% discount will be applied for a large number of copies.

Surface and air mail post: No charge. Standard method of despatch: Surface for CEE countries, Airmail for others.

Payment can be made, free of charge, to the order of EDIZIONI ETS Pisa, by cheque to the following address:

- Piazza Carrara, 16-19 - 56126 Pisa - tel. 050 29544-503868 - fax. 050 20158 - info@edizioniets.com - www.edizioniets.com;
- bank transfer to account no. 000000359148 at Cassa di Risparmio di Pisa, sede centrale, Piazza Dante 1, Pisa, bank coordinates ABI 06200 and CAB 14011 for domestic payments or IBAN IT96 A0620014011 000000359148 and SWIFT BPALITL1751 for international payments;
- credit card (Euro Card, Master Card, VISA), providing no. of card and expiry date.

Rivista scientifica a periodicità semestrale - Pubblicata dall'Istituto per la Protezione delle Piante, Sezione di Bari, C.N.R., Bari, Italia - Autorizzazione del Tribunale di Bari, in data 9 marzo 1973 al n. 441 del registro dei giornali e periodici - *Direttore responsabile:* Dr. Nicola Greco.

S. POKHARE, PANKAJ, N.A. SHAKIL, J. KUMAR and K. SINGH

Foliar application of chemical elicitors induces biochemical changes in wheat against the cereal cyst nematode, *Heterodera avenae* 181

D.S. SOWMYA, M.S. RAO, R. MANOJ KUMAR, J. GAVASKAR and K. PRITI

Bio-management of *Meloidogyne incognita* and *Erwinia carotovora* in carrot (*Daucus carota* L.) using *Pseudomonas putida* and *Paecilomyces lilacinus* 189

C. BHATTACHARYA, M.K. DASGUPTA and B. MUKHERJEE

Management of the root-knot nematode *Meloidogyne incognita* in tea by two plant extracts, in Tripura, India 195

P.G. KAVITHA, E.I. JONATHAN and S. NAKKEERAN

Effects of crude antibiotic of *Bacillus subtilis* on hatching of eggs and mortality of juveniles of *Meloidogyne incognita* 203

SHORT NOTES - NOTE BREVI

M. JENA, S.K. MOHANTY, R.S. PANDA, L.K. BOSE, L. BEHERA and S.C. SAHU

Two breeding lines of rice resistant to the rice root-knot nematode 207

V. KUMAR, A.U. SINGH and R.K. JAIN

Comparative efficacy of bioagents as seed treatment for management of *Meloidogyne incognita* infecting okra 209

Author index of Vol. 40 (2012) 213

Subject index of Vol. 40 (2012) 215

Index of Vol. 40 (2012) 219